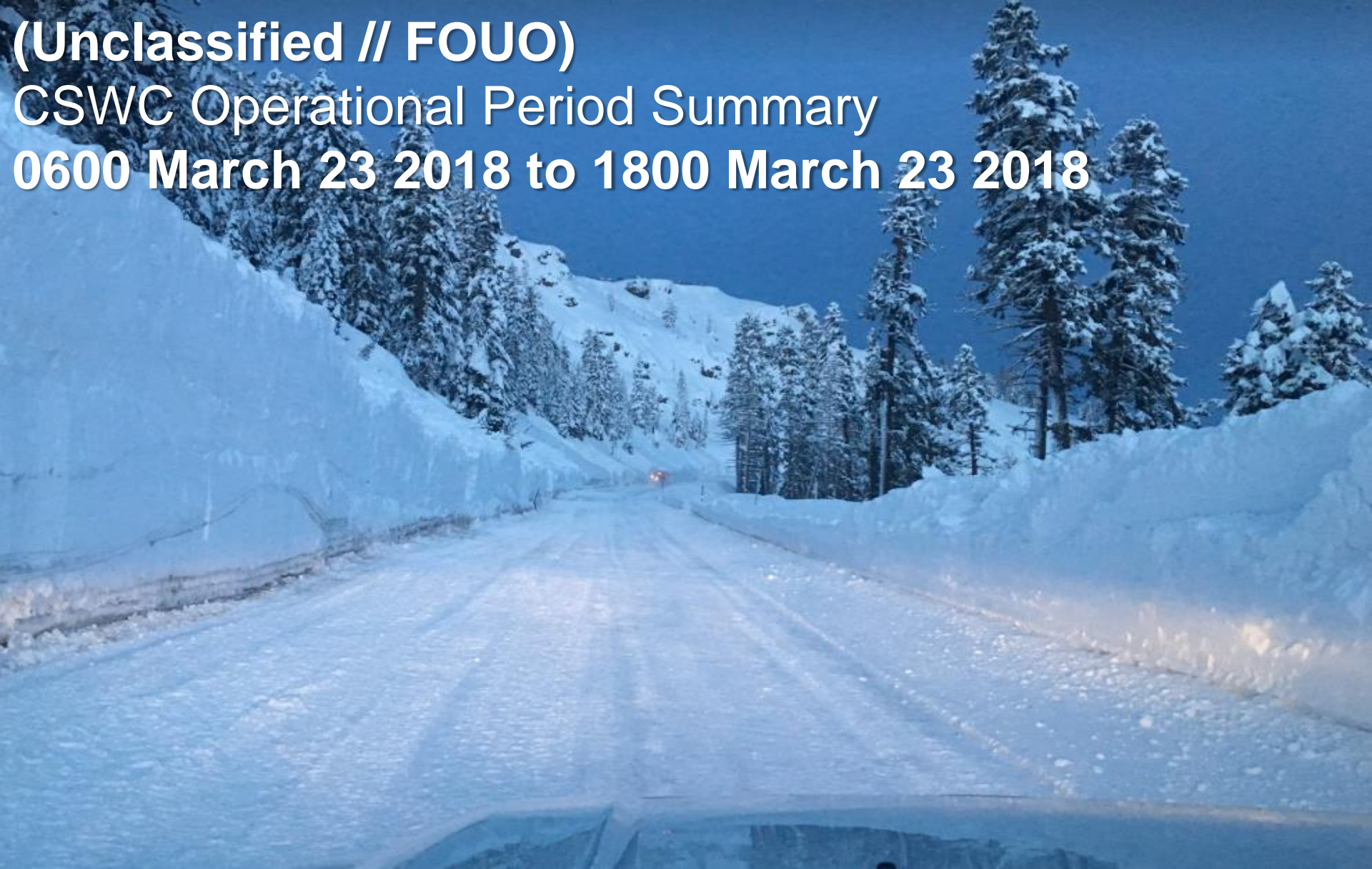


**(Unclassified // FOUO)**

# CSWC Operational Period Summary

**0600 March 23 2018 to 1800 March 23 2018**



Massive snowbanks tell the story of a wet and wild series of storms that have transformed Carson Spur, Highway 88 in Amador County. And there's more snow on the way!

Photo Credit: Steve Ziehlke / Caltrans District 10 FB



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Duty Officer	
EDO	Eric Lamoureux
CSWC Watch Officer	Sarah Murdock (Day) Jennifer Gordon (Night)
STAC Duty Officer	<a href="mailto:STAC@caloes.ca.gov">STAC@caloes.ca.gov</a> 916-275-4069
FDO	Cathy Johnson
LDO	Mark Baldwin Tom Anzelmo (Shadow)
IDO	Kyle Noderer
CDO	Memoree McIntire Shauna Polk (Shadow)
SDO	Jim Acosta
PIO	Brad Alexander
TDO	George Lowry
ITDO	Mark Swart
EQTP	Emily Holland
Tribal Liaison POC	Denise Shemenski
Access and Functional Needs POC	Vance Taylor

## National Terrorism Advisory System



Unclassified // FOUO

24 Hour STAC Report

- Report Attached

# SITUATION SUMMARY

## Cal OES Activation Status

State Operations Center	Inland Region EOC	Coastal Region EOC	Southern Region EOC
Normal Operations	Normal Operations	Normal Operations	Normal Operations

### Cal OES COASTAL REGION

- See River Forecast slide for current river conditions

### Cal OES INLAND REGION

- See River Forecast slide for current river conditions

### **Sinking Railroad Bridge, Marysville, Yuba County, SPILL: 18-1893**

On 03/22/18 at 1701 hours, the California State Warning Center (CSWC) was notified by Union Pacific Rail Road (UPRR) Police that a railroad bridge is sinking in Marysville, Yuba County.

- Due to the heavy rain, the concrete overpass has begun to sink
- The railroad bridge spans the Yuba River in Marysville, Yuba County
- The bridge is located on Second St. and is an overpass for the railroad
- The overpass has been blocked off
- No roads are closed
- CSWC made notifications per SOP

Update as of 03/23/18 at 1741 hours:

- Trains are continuing to be diverted
- Field personnel reported that the bridge is continuing to sink at a more rapid pace
- A Kinder Morgan Oil Pipeline is attached to the bridge
  - Kinder Morgan has shut down pressure to pipeline
  - The Office of the State Fire Marshall is working with Kinder Morgan to empty the pipeline
- Cal OES Fire and Rescue Branch is working with Kinder Morgan, Yuba County Hazmat and Marysville Fire and reported the following:
  - The pipeline has diesel in it, amount unknown at this time
  - Kinder Morgan has units on scene preparing to offload the contents
  - Booms are in place downstream from the bridge
- CSWC made contact with the California Department of Fish and Wildlife Warden who is monitoring the situation
- A UPRR hazmat manager and two environmental managers are mobilizing resources to the location in the event the bridge collapses and a release occurs.
- Cal OES Fire and Rescue Branch and Cal OES Duty Officers will continue to monitor and provide updates.



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# **SITUATION SUMMARY**

## **Potential Dam Failure, Moccasin Reservoir, Tuolumne County**

On 03/22/18 at 1421 hours, CSWC was notified by the National Weather Service (NWS) Sacramento of potential dam failure of the Moccasin Reservoir. NWS received the report from dam personnel.

- Dam operators have dropped the reservoir level and stabilized the situation
- [Water level is 20' below the crest of dam](#)
- [The Dam Operator along with DSOD have decided to lower the dam but not empty it completely](#)
- [The primary and emergency spillways have stopped flowing](#)
- [Dam Observers are on scene and in position 24 hours a day through today's storm](#)
- Seepage has stopped
- One (1) geologist and two (2) engineers [from DSOD demobilized on 03/23/18](#)
- [Dam Operators continue to assess the dam with consultants](#)
- SR 49 is closed at SR 120 per Caltrans District 10 due to undercutting that will require repairs
- The California Department of Fish and Wildlife (CDFW) Moccasin Creek Hatchery has flooded
  - Employees and their families who live at the hatchery were evacuated safely
  - CDFW performed initial damage assessment of the fish hatchery on 03/23/18.
- Moccasin Powerhouse has been shut down
- There are no requests for state assistance and no unmet needs
- The Cal OES Dam Safety Program will continue to monitor the situation.

## **Significant Precipitation, Potential Flooding and Debris Flows, Inland Region**

Heavy rain associated with a strong atmospheric river event has increased runoff and snow melt, leading to higher flows and flooding.

- Urban and small streams have seen significant rises and flow over the past 24 hours due to heavy precipitation and are expected to recede within the next 24 hours.
- Flooding, as well as mud and debris flows over recent burn scar areas, are possible, especially in areas affected by thunderstorms.

Mariposa County:

- Detwiler Burn Scar Damage – No reports of major debris flows or mudslides.
- The runoff from the burn scar (mostly water) added to the flooding of the roads in the foothills.
- Flood Damage – Approximately 20 homes and 5 businesses partially flooded in the areas of Don Pedro, Hornitos, and Mariposa

## **Activations**

- Tuolumne County Emergency Operations Center (EOC) [has resumed Normal Operations](#)
- Mariposa County EOC [is at Duty Officer Status overnight and will resume Level 2 activation 03/24/18 at 0700 hours](#)
- Merced County EOC [has resumed Normal Operations](#)
  - City of Merced EOC [has resumed Normal Operations](#)

# **SITUATION SUMMARY**

## **Significant Precipitation, Potential Flooding and Debris Flows, Inland Region (Continued)**

### **Deployments**

- 1 Inland Region Senior Emergency Services Coordinator (SESC) is deployed to Tuolumne County

### **Proclamations**

- On 03/23/18, a proclamation was received from Tuolumne County due to the impacts of the 2018 March Storms within the county. There are no requests for state assistance.
- On 03/23/18, a proclamation was received from Mariposa County due to the impacts of the 2018 March Storms within the county. Mariposa County has requested CDAA.

### **Evacuation Center**

- Mariposa Elementary School, 5044 Jones St., Mariposa, [has transitioned to an Evacuation Center](#)

### **Road Closures**

- Mariposa County: SR 132 at Granite Springs Road, 7 miles west of Coulterville
- Tuolumne County: SR 49 from SR 108 to Marshes Flat Rd.
- Merced County: SR 59 is closed from 7.1 miles south of Merced at Sandy Mush Rd. to 2.1 miles south of Merced at Reilly Rd. due to flooding

### **Critical Infrastructure**

- Moccasin Reservoir is NOT in imminent danger of collapse
  - Dam operators have dropped the reservoir level and stabilized the situation
- Lake Don Pedro Community Services District is reporting water main breaks, leaving approximately 80-200 homes without potable water
  - Some are vacation homes
  - Crews will assess on 03/23/18
- 911 Telephone outage is reported in Coulterville, Mariposa County.

### **Missions**

- 2018-IREOC-45817: Request for five CALFIRE Hand Crews from the Baseline Conservation Camp to assist with sandbagging houses and roads in the Moccasin, Columbia, and Sonora areas. Requesting the crews through 03/23/18 ([Mission Closed](#))
- 2018-IREOC-45809: Two hand crews and two engines to assist with flood fight (On Scene)



# **SITUATION SUMMARY**

## **Cal OES SOUTHERN REGION**

- See River Forecast slide for current river conditions

### **Significant Precipitation, Potential Flooding and Debris Flows, Southern Region**

A significant, long duration storm of subtropical moisture is expected to cross Southwest California through 03/23/18.

### **Deployments**

- [All personnel have demobilized](#)

### **Proclamations**

- On 03/22/18, Ventura County requested CDAA be added to the original Thomas Fire Proclamation submitted in December 2017, due to the mud, debris flow, and damage to infrastructure as a result of the March 2018 Storms.

### **Evacuations**

- [All evacuations have been lifted](#)

### **Shelters**

- [All shelters have been closed](#)

### **Road Closures**

- Santa Barbara County: SR 192 is closed from 1.6 mi east of Santa Barbara at Sycamore Canyon Rd. to Cravens Ln. due to a mudslide. Estimated time of reopening: Unknown.

### **Missions**

- 2018-LAW-45778 - VHF portable radio kit (14 radios/batteries/chargers) for issuance to CNG high water vehicle personnel for communication with fire & sheriff. Radio kit requested to be deployed to Santa Barbara County EOC, 4408 Cathedral Oaks Rd., Santa Barbara. [\(Mission Closed\)](#)
- 2018-SOC-45759: Santa Barbara County through the local Type III IMT is requesting 1 Type 1 Strike team (2 crews) to assist with emergency protective measures. 2 CCC hand crews ordered additionally. [\(Mission Closed\)](#)
- 2018-SOC-45756: DWR field representatives to fill a technical specialist position at the Santa Barbara and Ventura Counties EOCs for 03/20/18-03/22/18. [\(Mission Closed\)](#)
- 2018-LAW-45747: Santa Barbara Sheriff's Office is requesting 5 CNG High Water Vehicles for 03/20/18-03/22/18.

## **FIRE ACTIVITY**

### **Cal OES Fire Preparedness Levels**

<b>National</b>	<b>Northern California</b>	<b>Southern California</b>
<b>Preparedness Level 1</b>	<b>Preparedness Level 1</b>	<b>Preparedness Level 2</b>
	<b>Multi-Agency Coordination System MACS Mode: 1</b>	<b>Multi-Agency Coordination System MACS Mode: 1</b>

Please note: The National and Regional Preparedness Levels are maintained by the National Multi-Agency Coordination (MAC) Group and are separate from Cal OES activation levels.

- Nothing significant to report.

# MAJOR ROAD / HIGHWAY / BRIDGE CLOSURES

Major Road Closures		
Northern California	Central California	Southern California
No Lifeline Route Closures	No Lifeline Route Closures	No Lifeline Route Closures

## Lifeline Routes

- There are no lifeline route closures.

## Non-Lifeline Routes:

- Mariposa & Tuolumne Counties: SR 49 is closed at SR 120 due to flooding. Estimated time of reopening: Unknown
- Merced County: SR 59 is closed from 7.1 miles south of Merced at Sandy Mush Rd. to 2.1 miles south of Merced at Reilly Rd. due to flooding. Estimated time of reopening: 03/23/18 at 1200 hours
- Kern County: SR 223 is closed from 4.8 miles east of Arvin at Deertrail Dr. to the junction of SR 58. Estimated time of reopening: Unknown
- Monterey County: SR 1 is closed 3 miles south of Lucia due to a rock slide. Estimated time of reopening: Unknown
- San Luis Obispo County: SR 1 (Pacific Coast Highway) is closed at Ragged Point due to a landslide. Estimated time of reopening: Unknown
- Ventura County: State Route 33 is closed between Fairview Rd. and Lockwood Valley due to mud and debris flow. Estimated time of reopening: Unknown
- Santa Barbara County: SR 192 is closed from 1.6 mi east of Santa Barbara at Sycamore Canyon Rd. to Cravens Ln. due to mudslide. Estimated time of reopening: Unknown.
- Los Angeles County: SR 2 is closed from Islip Saddle to 5 miles west of Big Pines. Estimated time of reopening: Unknown

## Wildfire Closures:

- There are no wildfire closures.

## Emergency Center Activations:

- Caltrans Department Operations Center (DOC) [deactivated as of 03/23/18 0900 hours](#)

## Interactive Travel Forecast Map Based on Weather Conditions Provided by National Weather Service (Prototype)

<http://www.wrh.noaa.gov/wrh/travel/?wfo=mtr>



Click on the Caltrans Logo to check  
current highway conditions.  
*You can also call 1-800-427-7623 for  
current highway conditions.*





## California 911 System

CA 911 Outages		
Northern California	Central California	Southern California
No 911 Outages	911 Outage	No 911 Outages

### 911 Outages/Remote/Community Isolations:

#### **Central Office Isolation, Coulterville, Mariposa County**

On 03/23/18 at 0757 hours, the California State Warning Center (CSWC) was notified by the Cal OES 911 Branch of report from AT&T regarding a Central Office Isolation in Coulterville, Mariposa County.

- The Coulterville Central Office has become isolated from the host.
- 911 calls are not completing from this office.
- Wireless 911 calls are not impacted.
- CSWC made notifications per SOP.

#### Update as of 03/23/18 at 1501 hours:

- Technician was dispatched and has safely reached the Central Office.
- Trouble was found to be a damaged fiber 18,000' out from the Moccasin Central Office.
- Fiber optic cable was cut between Coulterville and Moccasin Central offices.
- The cause of the cable cut is weather/road erosion
- Estimated time of restoral: 03/24/18 at 0001 hours.
- The Cal OES 911 Branch continues to monitor and will provide updates as they become available.

### Service Interruptions:

- None reported.

# **WEATHER OF CONCERN**

## **Weather of Concern**

- Two rounds of heavy mountain snow are expected through early Sunday for the Sierra Nevada Mountains. Snow levels will lower with significant snowfall accumulation and hazardous mountain travel conditions.
- A trough of low pressure will push into the West Coast this weekend, with a slight chance of light showers north of Point Conception in Santa Barbara County through Saturday night.

## **Weather Advisories, Watches, and Warnings currently active in California:**

- <http://www.wrh.noaa.gov/hazardSummary/?state=ca>

## **Active Weather Warnings, Watches and Advisories by County:**

- <http://www.wrh.noaa.gov/hazardSummary/?state=ca&bycounty=1>

# Key Points

03/23 – 03/30

## Friday – Saturday

- Another round of Sierra snow with expected impacts to travel this weekend. 1-2 feet new snow above 4000 feet by Saturday with several inches below 4000 feet.
- Small creeks and streams may continue to run high

## Sunday - Thursday

- Dry with no significant weather or water impacts expected



# California OES Impact Threat Matrix

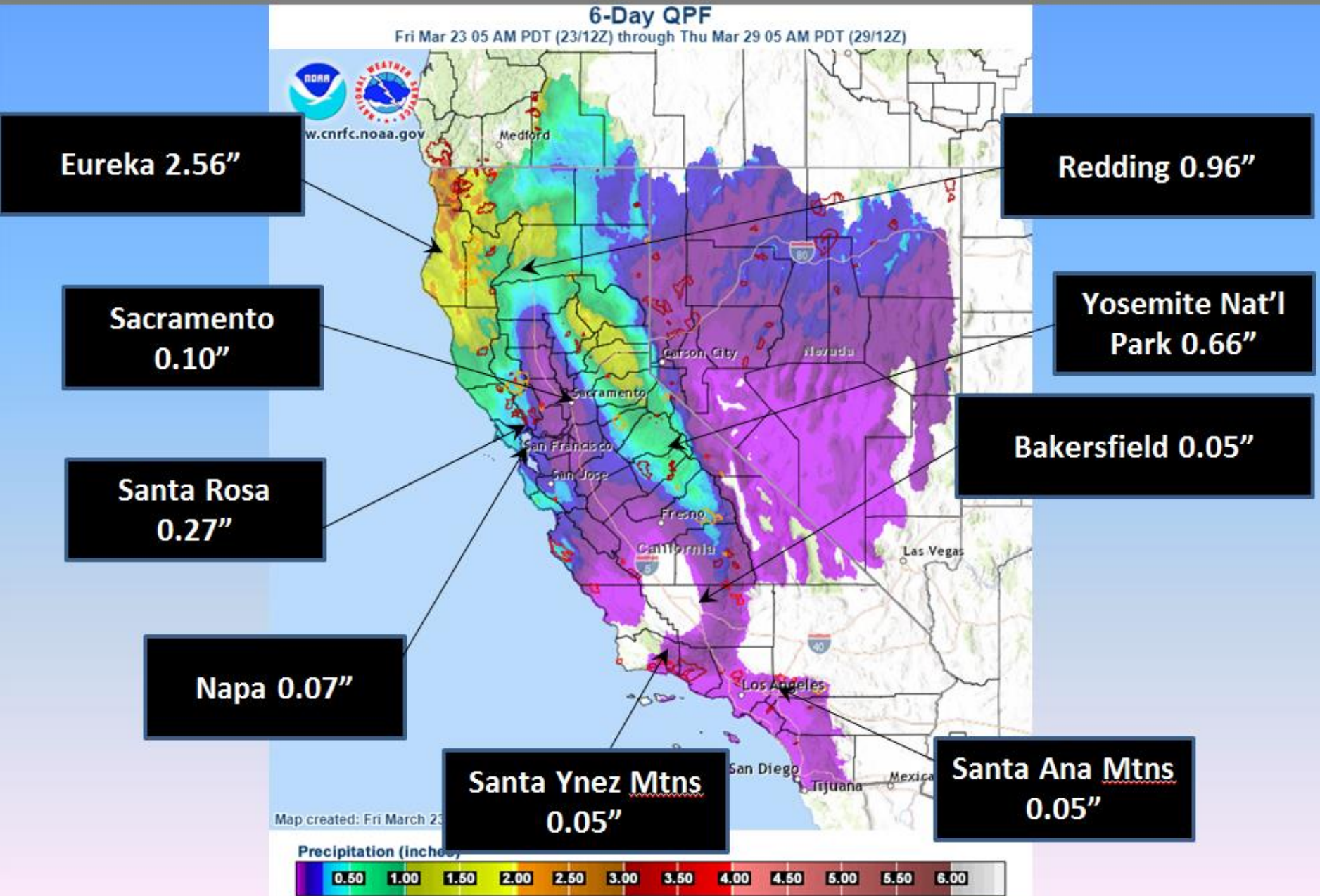
March 23 – 30, 2018

DAY/THREAT	FRI	SAT	SUN	MON	TUE	WED	THU
Fire Weather							
Winds							
Snow	Sierra	Sierra					
Heavy Rain/Flash Flooding	Srn CA						
Debris Flows/Mudslides							
River Flooding							
Severe							

	High Threat
	Moderate Threat
	Slight Threat
	No Discernible Threat



# Expected 6 Day Total Precipitation



# RIVER FORECAST

## Cal OES COASTAL REGION

**River Forecast – The following rivers are expected to meet or exceed Monitor Stage:**

**Solano County:**

- Sacramento River at Rio Vista is expected to reach 7.5 feet the morning of 03/24/18. Flood Stage is 12.9 feet.

## Cal OES INLAND REGION

**River Forecast – The following rivers are expected to meet or exceed Flood Stage:**

**Plumas County:**

- Middle Fork Feather River at Portola is expected to reach 10.2 feet the morning of 03/24/18. Flood Stage is 8.5 feet.
  - Potential Impacts: Some minor lowland flooding in reach between Beckwourth and Sloat, including Portola. Sleepy Pines Motel and other low structures along river in Portola experience minor flooding.

**River Forecast – The following rivers are expected to meet or exceed Monitor Stage:**

**Yuba County:**

- Yuba River at Marysville is expected to crest at 74.8 feet the morning of 03/24/18. Flood Stage is 88.0 feet.

**Sutter County:**

- Sacramento River at Tisdale Weir is expected to crest at 46.5 feet the morning of 03/24/18. Flood Stage is 53.0 feet.

**Sacramento County:**

- Cosumnes River at Michigan Bar is expected to crest at 7.7 feet the morning of 03/24/18. Flood Stage is 12.0 feet.
- Cosumnes River at McConnell is expected to reach 41.9 feet the morning of 03/24/18. Flood Stage is 46.0 feet.
- Mokelumne River at Benson's Ferry is expected to crest at 14.3 feet the morning of 03/24/18. Flood Stage is 17.0 feet.

**Merced County:**

- Bear Creek at McKee Rd. is expected to reach 17.8 feet the morning of 03/24/18. Flood Stage is 23.0 feet.

## Cal OES SOUTHERN REGION

**River Forecast – The following rivers are expected to meet or exceed Monitor Stage:**

- None Reported

**Please see link for River Forecast Guidance - <http://www.cnrfc.noaa.gov/>**



# WEATHER SYNOPSIS BY REGION

## **NORTHERN CALIFORNIA**

Cool, wet and unsettled weather will continue throughout the Northern Operations region through Saturday as a series of low pressure troughs and cold fronts pass over the area. Scattered mountain showers will continue Sunday, and a few lingering showers are possible in southeastern areas Monday. Snow levels will remain around 2,000-3,500 feet At times lower snow levels will be encountered in some of the canyons and low spots in the north. S-SW winds will gust to 35-45 mph in many areas this afternoon and Saturday afternoon, but fairly light winds are expected on Sunday.

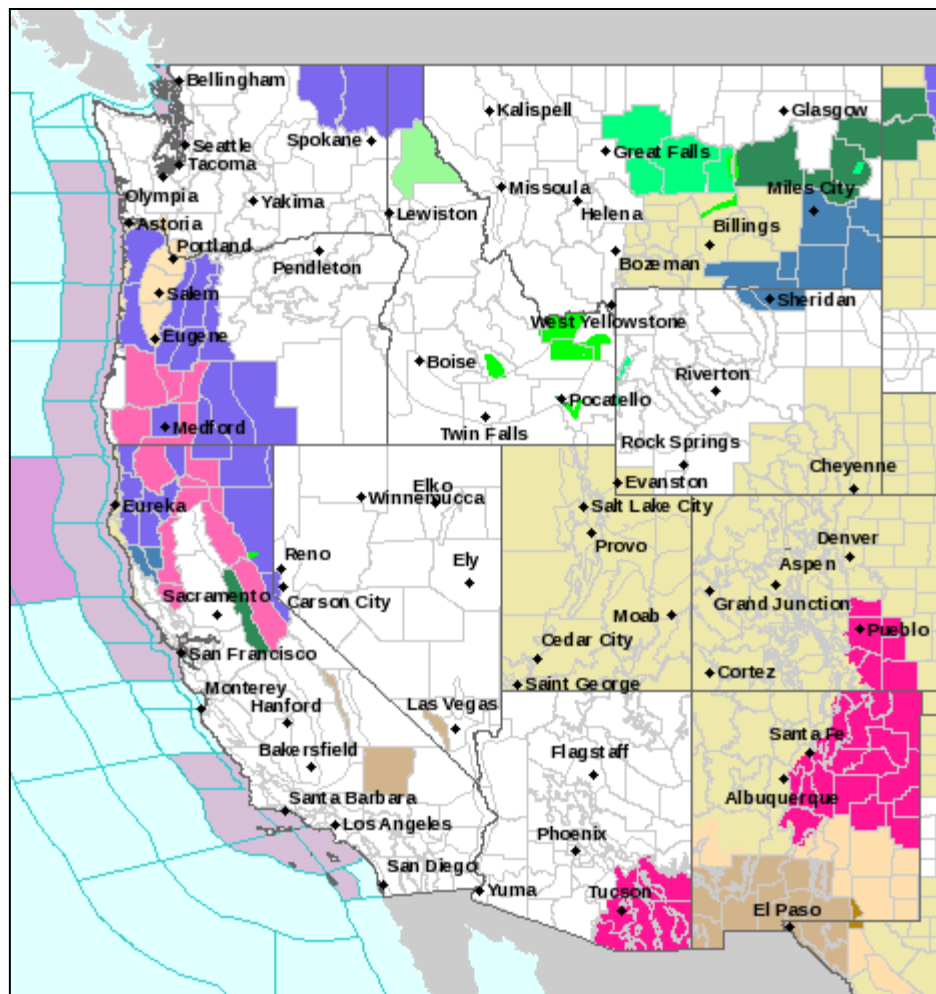
Outside of the few lingering showers in the southeast on Monday, next week looks dry as a Pacific high pressure ridge moves closer to the coast. Stable conditions and abundant spring sunshine will lead to above normal temperatures, and periods of dry gusty northerly winds can also be expected with this pattern.

## **SOUTHERN CALIFORNIA**

Isolated light showers and patchy drizzle will be possible this morning in the Sierras and over much of Southern California in the wake of yesterday's storm. By afternoon, skies will turn partly sunny with cumulus developing near the higher terrain. Temperatures will remain cool with highs in the 40s in the mountains to the 60s at lower elevations. Saturday, a weak trough will pass to our north, which will generate light rain over Central California. The snow level will lower to 5,000 feet during the afternoon. The Sierras north of Madera County may see 4-8" of snow with over a foot likely north of Yosemite N.P. Gusty west winds of 20-30 mph with higher gusts will occur in the mountains and deserts with some gusts to 50 mph possible in the Inyo N.F. By Sunday, expect clearing skies over the area with light winds. Temperatures will remain a few degrees below normal through the weekend. Next week, expect a warming trend as a high pressure ridge begins to nose into the West Coast. A cutoff low may bring some light offshore flow beginning Tuesday night which may last through Thursday. Temperatures will likely return to the 50s in the mountains to the upper 70s at lower elevations by the middle of next week, but onshore flow may result in cooling toward next weekend. No significant precipitation is expected to occur next week and beyond.



# WEATHER MAP



- [Winter Storm Warning](#)
- [Flood Warning](#)
- [Flash Flood Watch](#)
- [Gale Warning](#)
- [Red Flag Warning](#)
- [Winter Weather Advisory](#)
- [Flood Advisory](#)
- [Small Craft Advisory For Hazardous Seas](#)
- [Small Craft Advisory For Rough Bar](#)
- [Small Craft Advisory For Winds](#)
- [Small Craft Advisory](#)
- [Hazardous Seas Warning](#)
- [Lake Wind Advisory](#)
- [Wind Advisory](#)
- [Winter Storm Watch](#)
- [Flood Watch](#)
- [High Wind Watch](#)
- [Fire Weather Watch](#)
- [Special Weather Statement](#)
- [Marine Weather Statement](#)
- [Hazardous Weather Outlook](#)
- [Hydrologic Outlook](#)
- [Short Term Forecast](#)



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# Cal OES LAW ENFORCEMENT MISSIONS

## Cal OES Law Missions

- **2018-LAW-45768, 03/20/18, at 1200 hours:** The San Luis Obispo County Sheriff's Office requested 7 human remains detection (HRD) K9s for a Law Enforcement sensitive investigation on 03/25/18 at an undisclosed location. The Cal OES Law Enforcement Branch Duty Officer (LDO) contacted the Cal OES K9 Coordinator who is in the process of coordinating a response. **Mission Ongoing.**

# Cal OES MISSION TASKING

## Cal OES Missions

- **2018-IREOC-45244:** Caltrans to remove dead and dying trees along highways in Kern, Tulare, Fresno, Madera, Mariposa, Tuolumne, Calaveras, Butte, Plumas, Sierra, Shasta, and Lassen counties.
- **2017-SOC-44098:** CalRecycle Debris Management Team in Ventura County (Coordinating)
- **2017-SOC-43821:** DTSC to remove household hazardous waste from over 500 residential lots in Ventura County (On Scene)
- **2017-Inland-42559:** Weather station installed to gather real time rainfall data by Air Resources Control Board (On Scene)



# *Cal* OES

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GOVERNOR'S OFFICE  
OF EMERGENCY SERVICES

**Mission:**

We protect lives and property, build capabilities, and support our communities for a resilient California.

*We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.*